

**To:** Black, Ned[Black.Ned@epa.gov]  
**From:** OBrien, Wendy  
**Sent:** Tue 8/11/2015 11:19:42 PM  
**Subject:** RE: Please note deadline for response 7 pm MT - Gold King Mine - EU call -- recreational values

ok

Wendy O'Brien, DVM, PhD, DABT  
Toxicologist, Ecosystems Protection and Remediation  
USEPA Region 8  
1595 Wynkoop Street  
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Phone: 303.312.6712  
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**From:** Black, Ned  
**Sent:** Tuesday, August 11, 2015 4:43 PM  
**To:** OBrien, Wendy  
**Subject:** RE: Please note deadline for response 7 pm MT - Gold King Mine - EU call -- recreational values

But please continue to copy me as sometimes ecorisk information is embedded in a human health topic, or I can at least know how ecological screening levels compare to the human benchmarks.

ned black, ph.d.  
us epa r9  
regional cercla ecologist  
415-972-3055

Please be advised I currently have limited access to email when I am not in the office (e.g., on travel), therefore please be patient with any communication delays.

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**From:** OBrien, Wendy  
**Sent:** Tuesday, August 11, 2015 3:41 PM  
**To:** Black, Ned  
**Subject:** RE: Please note deadline for response 7 pm MT - Gold King Mine - EU call -- recreational values

Ok -thx. Sorry about that!

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**From:** Black, Ned  
**Sent:** Tuesday, August 11, 2015 4:18 PM  
**To:** OBrien, Wendy  
**Subject:** RE: Please note deadline for response 7 pm MT - Gold King Mine - EU call -- recreational values

Hi Wendy,

Gerry handles all the human health issues on this response for R9.

Cheers,

ned

ned black, ph.d.  
us epa r9  
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Please be advised I currently have limited access to email when I am not in the office (e.g., on travel), therefore please be patient with any communication delays.

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**From:** OBrien, Wendy  
**Sent:** Tuesday, August 11, 2015 3:15 PM  
**To:** Rauscher, Jon; Black, Ned; Graham, Richard; Hiatt, Gerald; Keteles, Kristen; McKean, Deborah; Miller, Johanna; Turner, Philip; Wall, Dan; Woodyard, Josh; Griffin, Susan; Wall, Dan  
**Subject:** Please note deadline for response 7 pm MT - Gold King Mine - EU call -- recreational values  
**Importance:** High

Thank you!

Wendy O'Brien, DVM, PhD, DABT  
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**From:** OBrien, Wendy

**Sent:** Tuesday, August 11, 2015 3:15 PM

**To:** Rauscher, Jon; Black, Ned; Graham, Richard; Hiatt, Gerald; Keteles, Kristen; McKean, Deborah; Miller, Johanna; Turner, Philip; Wall, Dan; Woodyard, Josh; Griffin, Susan; Wall, Dan

**Subject:** Gold King Mine - EU call -- recreational values

All,

As discussed during this morning's call, attached is a recreational scenario that evaluates exposure to children as well as adults. Note that it includes both surface water and sediment screening values. This scenario is more conservative than the recreational scenario for river guides that was distributed a few days ago as it includes children.

Please review asap; we need to know if these values are acceptable to R6 and R9 by 7 pm MT tonight.  
<< File: Gold King Recreational Screening Levels.docx >>

Many thanks to Susan Griffin for her help developing these values.

Many thanks to all of you for a quick turnaround on this document.

wo

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